

Electronic Acknowledgement Receipt

EFS ID:	2647979
Application Number:	10743722
International Application Number:	
Confirmation Number:	8315
Title of Invention:	Method and system for video encoding using a variable number of B frames
First Named Inventor/Applicant Name:	Adriana Dumitras
Customer Number:	23838
Filer:	Wesley W. Jones/jin li
Filer Authorized By:	Wesley W. Jones
Attorney Docket Number:	13316-3276
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Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 180
RAM confirmation Number	1204
Deposit Account	110600
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size (Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement Letter	3276Statement.pdf	73102	no	3
			a254ced9b764b47238b3a33379d63eba c0554796		
Warnings:					
Information:					
2	Information Disclosure Statement Letter	3276Ref.pdf	105582	no	2
			7aef1d6a58541850c76911eb71cc3470 084e5043		
Warnings:					
Information:					
3	NPL Documents	30Rate-distortion-optimized.pdf	2887724	no	10
			b9f6c1e32cb31096c097cc9260f6cda6b 5c34ef11		
Warnings:					
Information:					
4	NPL Documents	31Rate-constrained-multihypothesis.pdf	3754796	no	13
			d6d3c9a3b66b487c413e3bc13485d62 5c3d5e37		
Warnings:					
Information:					
5	NPL Documents	32Generalized-B-pictures.pdf	3236814	no	12
			13077194d253567b2244b7149aeb02 c992c498		
Warnings:					
Information:					
6	NPL Documents	33H264-AVC.pdf	3470110	no	12
			2ec9216d30c4aaceffebc91c47a5efb31 13d9e5		
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7	NPL Documents	34Low-delay-rate.pdf	3437678	no	13
			26f9486d34d8b3a2b2b2e6c0227be7b7 1b7b7b6		
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8	NPL Documents	35Optimum-bit-allocation.pdf	2601578	no	10
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9	NPL Documents	36A-unified-rate-distortion.pdf	4242047 4e44b3c203eb63874963df932cc25ee33a12e5cf	no	16
Warnings:					
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10	NPL Documents	37Classification-based-mode.pdf	3994632 7f3435239ad98b0d3f999c33a343dbcb24e323a4	no	33
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11	NPL Documents	38Temporally-adaptive-motion.pdf	4151099 4c344a95279cc4504b7a483599c4e4c95a3f5d230	no	14
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12	NPL Documents	39Scene-context-dependent.pdf	3381547 7dee4109339fcedb9a9d4237efeb20b7ece013b6	no	12
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13	NPL Documents	40Implementing-dynamic-GOP.pdf	1160066 ede1fa99a054314593d18c119b06c3b7f43822bc	no	4
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14	NPL Documents	41I-P-B-frame-type.pdf	1241150 a44db4649d34644c2369cc17481fb9fc9fcd99	no	4
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15	NPL Documents	42Scene-adaptive-motion.pdf	2850445 51c8c64665c21f99b1d49935048d3a17769cd76	no	12
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16	NPL Documents	43Shot-boundary-detection.pdf	4454617 9ed89250bda95260810b7fb856161d109d929d3	no	16
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17	NPL Documents	44A-robust-scene-change.pdf	2073335 b6997e1574ec1801ec21459efbba2fba3003a1fa	no	8
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18	NPL Documents	45Cut-detection-in.pdf	944109 f8eda50e14709dfc729c3b5a3e41812c d1d7d8cb	no	3
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19	NPL Documents	46Performance-characterizat ion-of.pdf	4039856 05e3c1d8d168f1684b79553ef5a6c1a7b d1e03a5c	no	14
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20	NPL Documents	47Metrics-for-shot.pdf	2240172 314456c6c7d1e0b09a0970c1b0c55a9 d2120039	no	10
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21	NPL Documents	48Rapid-scene-analysis.pdf	3910031 4bcb2be53e7362c0a48be1be9c333e 30a70693c	no	13
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22	NPL Documents	49Video-parsing-and.pdf	6135968 52574061110ab5c67a974ee8a55389b f03ee16	no	25
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23	NPL Documents	50Automatic-determination-o f.pdf	1007260 d49ace32866eada56f1a60a087b1e88d 50d1315	no	5
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24	NPL Documents	51Shot-detection-in.pdf	1006341 999570ea6975e51c1630a2ee4b32a06 f9b2b1b	no	4
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25	NPL Documents	52Scene-change-detection.p df	3508535 69e750947cf5a103836c1854bc7bc3a55 9e342be2	no	15
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26	NPL Documents	53Multidimensional-comparis on-of.pdf	976280 8054492d901d575200691d558e14ee61 c06694ff	no	4
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27	Fee Worksheet (PTO-06)	fee-info.pdf	30061 <small>769080a49c92b0e06d1c1cfb5959d2273810ee5</small>	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			70914935		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					